TABLE OF CONTENTS

ARTICLES

BILLMAN, B. J., *see* Sheih, C. M. *et al.*

BROOK, R. R. / The Koorin Nocturnal Low-Level Jet 133

BUSINGER, J. A., *see* Rogers, D. P. *et al.*

BUTLER, D. R. / The Energy Balance of Water Drops on a Leaf Surface 337

CHARNOCK, H., *see* Rogers, D. P. *et al.*

CHING, J. K. S., *see* Doll, D. *et al.*

COLQUHOUN, J. R., *see* Coulman, C. E. *et al.*

COULMAN, C. E., J. R. COLQUHOUN, R. K. SMITH, and K. McINNES / Orographically-Forced Cold Fronts – Mean Structure and Motion 57

DEANS, J. D., *see* Milne, R. *et al.*

DEARDORFF, J. W. and G. E. WILLIS / Further Results from a Laboratory Model of the Convective Planetary Boundary Layer 205

DEPAUL, F. T., *see* Sheih, C. M. *et al.*

DOLL, D., J. K. S. CHING, and J. KANESHIRO / Parameterization of Subsurface Heating for Soil and Concrete Using Net Radiation Data 351

EIDSVIK, K. J. / Large-Sample Estimates of Wind Fluctuations over the Ocean 103

FORD, D., *see* Milne, R. *et al.*

GARRATT, J. R. / The Inland Boundary Layer at Low Latitudes I. The Nocturnal Jet 307

HUNT, J. C. R., *see* Tampieri, F.

JACOBS, A. F. G. / The Normal-Force Coefficient of a Thin Closed Fence 329

JANSSEN, P. A. E. M. and G. J. KOMEN / Effect of Atmospheric Stability on the Growth of Surface Gravity Waves 85

JARVIS, P. G., *see* Milne, R. *et al.*

JOFFRE, S. M. / Effects of Local Accelerations and Baroclinity on the Mean Structure of the Atmospheric Boundary Layer over the Sea 237

KANESHIRO, J., *see* Doll, D. *et al.*

KOMEN, G. J., *see* Janssen, P. A. E. M.

LEVERENZ, J., *see* Milne, R. *et al.*

MASON, P. J. / A Numerical Study of Cloud Streets in the Planetary Boundary Layer 281

McCAUGHEY, J. H. / A Radiation and Energy Balance Study of Mature Forest and Clear-Cut Sites 1

McINNES, K., *see* Coulman, C. E. *et al.*

MILNE, R., J. D. DEANS, D. FORD, P. G. JARVIS, J. LEVERENZ, and D. WHITEHEAD / A Comparison of Two Methods of Estimating Transpiration Rates from a Sitka Spruce Plantation 155

OGAWA, Y., *see* Ohara, T.

OHARA, T. and Y. OGAWA / The Turbulent Structure of the Internal Boundary Layer near the Shore (Part 2: Similarity and Energy Budget Analysis) 39

TABLE OF CONTENTS

OHTAKI, E. / On the Similarity in Atmospheric Fluctuations of Carbon Dioxide, Water Vapor and Temperature over Vegetated Fields 25

ROGERS, D. P., J. A. BUSINGER, and H. CHARNOCK / A Numerical Investigation of the Jasin Atmospheric Boundary Layer 373

SETHURAMAN, S., *see* Stunder, M.

SHEIH, C. M., B. J. BILLMAN, and F. T. DEPAUL / A Method for Measuring Mean Wind Velocities in a Canyon with Tracer Balloons 401

SMITH, R. K., *see* Coulman, C. E. *et al.*

STUNDER, M. and S. SETHURAMAN / A Comparative Evaluation of the Coastal Internal Boundary-Layer Height Equations 177

TAMPIERI, F. and J. C. R. HUNT / Two-Dimensional Stratified Fluid Flow over Valleys. Linear Theory and a Laboratory Investigation 257

WHITEHEAD, D., *see* Milne, R. *et al.*

WILLIS, G. E., *see* Deardorff, J. W.

RESEARCH NOTE

GROEN, P. / On the Energetics of Adiabatic Vertical Mixing 97

BOOK REVIEWS

Atmospheric Boundary-Layer Parameterisation over the Oceans for Long Range Forecasting and Climate Models, Report of the WMO/CAS Expert Meeting (P. TAYLOR) 305

Hermann Flohn and Roberto Fantechi (eds.), *The Climate of Europe: Past, Present and Future* (H. E. LANDSBERG) 411

CALL FOR PAPERS 280

CORRIGENDUM 101, 306

ERRATUM 414

INDEX 413

CHANGE OF ADDRESS ii